

Product datasheet for **RC201915L2V**

SLC17A5 (NM_012434) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC17A5 (NM_012434) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC17A5
Synonyms:	AST; ISSD; NSD; SD; SIALIN; SIASD; SLD
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_012434
ORF Size:	1485 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201915).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_012434.3 , NP_036566.1
RefSeq Size:	3292 bp
RefSeq ORF:	1488 bp
Locus ID:	26503
UniProt ID:	Q9NRA2
Cytogenetics:	6q13
Domains:	sugar_tr
Protein Families:	Transmembrane



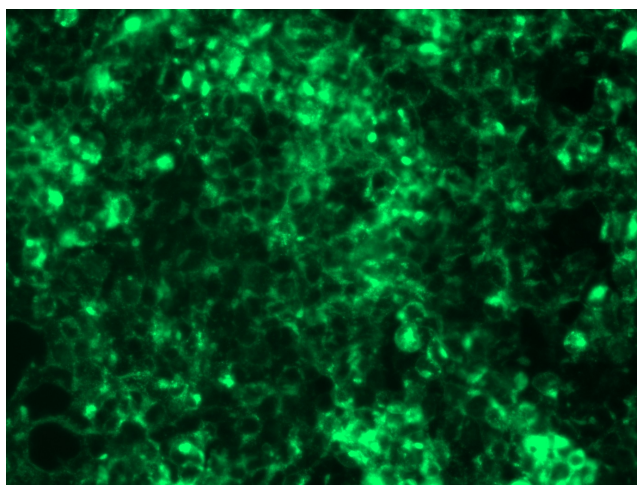
[View online »](#)

Protein Pathways: Lysosome

MW: 54.5 kDa

Gene Summary: This gene encodes a membrane transporter that exports free sialic acids that have been cleaved off of cell surface lipids and proteins from lysosomes. Mutations in this gene cause sialic acid storage diseases, including infantile sialic acid storage disorder and Salla disease, an adult form. [provided by RefSeq, Jul 2008]

Product images:



[RC201915L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC201915L2V particle to overexpress human SLC17A5-mGFP fusion protein.